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SOURCE Documentary as indicated. (Information specifically requested.)

RECENTLY PUBLISHED RESEARCH OF THE ASTRAKHAN LEPROSARIUM

"Clinical Study of the Blood Glutathione in Leprosy," S. S. Bimbed, Astrakhan Clinical Leprosarium, USSR

"International Journal of Leprosy (US)" Vol 13, 1945, pp 31-42

The average total, reduced, and oxidized glutathione (I), Gable index, and Woodard index were determined in the blood of 62 patients of four groups of leprosy: tuberculoid form, 37.0, 33.15, 3.85, 6.7, 5.4; lepromatous and mixed forms, 38.9, 33.0, 5.9, 6.6, 5.1; active lepromatous forms, 28.9, 25.3, 3.6, 5.1, 3.9; lepra reaction, 24.7, 19.0, 5.7, 3.7, 2.9. In controls the average values 37.5, 30.0, 7.5, —, —. Conclusions: The general metabolism in leprosy is unstable and variable. In the progression of the disease a depression of the intracellular oxidation process is indicated by the diminishing amounts of I. With regression of the leprosy process I in the blood rises while exacerbation of the process is followed by a decrease of I.

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